

TEST METHOD REVIEW & EVALUATION PROCESS

A. Test Method Submitted By State, District, or Organization (Applicant):

The applicant is responsible for explaining the intended use of the proposed alternative test method. The applicant should explain why the alternative method should be used instead of an existing standard EPA approved method(s) listed in 40 CFR Parts 51, 60-63. If there are no applicable EPA or ASTM test methods for comparison, then the proposed method will be evaluated on its technical merit and validation data.

B. The following supporting technical data must be submitted by the applicant with any alternative test method. This data will be reviewed by the EPA for adequacy:

1. A completed "Test Method Submittal Form"
2. A copy of the test method.¹
3. Background information on the affected source(s).
4. Validation data obtained in accordance with EPA Method 301 as found in 40 CFR Part 63, Appendix A which includes, but is not limited to, data describing:
 - * number of tests/analyses carried out
 - * precision
 - * accuracy (bias)
 - * repeatability
 - * any other available validation or method evaluation data will be also be helpful in conducting the review, and should be included in the submittal package
5. Comparison, on a technical basis, of the alternative method with the appropriate EPA/ASTM method(s).²
 - * similarities
 - * differences
6. Explanation of how the technical differences affect the monitoring of the parameters of interest.²
7. Explanation of how the test method affects the implementation and enforcement of the applicable rule(s).
8. Explanation of all advantages and any potential shortcomings of the test method.

If essential information is lacking, the EPA will notify the applicant.

¹ Test method submittals for 112(l) purposes must also include a copy of the rule.

² Does not apply to the submittal of new alternative methods that lack ASTM and/or EPA equivalent methods.